

DX News

•Serving DX'ers since 1933•



Volume 60, No. 20 - March 8, 1993 (ISSN 0737-1659)

Inside...

- 2 .. AM Switch
- 3 .. DDXD
- 13 .. Now and Then

- 14 .. IDXD
- 15 .. Formats
- 17 .. Three-letter Calls
- 20 .. For Beginners
- 22 .. Musings

CPC Test Calendar

Call	Freq	Date	EST Time
KPCR	1530	Mar 8, 1993	0100-0300
WVCH	740	Mar 8, 1993	0230-0330
KTNS	1090	Mar 9, 1993	0300-0400
KWKY	1150	Mar 15, 1993	0100-0130
KKAR	1180	Mar 15, 1993	0100-0130
WSMI	1540	Mar 24, 1993	0100-0110
WEKO	940	Mar 27, 1993	0000-0030
WLKW	790	Mar 29, 1993	0000-0015

WEKO-940 - P.O. Box 100- Wartburg, TN 37887 will conduct a DX test on Saturday, March 27, between 12:00 and 12:30 am EST. The test will include Morse code, tones, and bluegrass music. Reception reports may be sent to Mr. Carl Stump, Chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

WLKW-790 - 75 Oxford Street, Suite 401 - Providence RI 02905 will conduct a DX test between 12:00 and 12:15 am EST Monday, March 29. The test will include Morse code. Reception reports may be sent to Mr Jeffrey LaLumiere, Chief Engineer. Arranged by J. D. Stephens for the IRCA CPC.

(Details for other tests listed above were in previous DXN's.)

From the Publisher ... Ernie Wesolowski took the time to jot down times and frequencies of several DX programs currently heard on shortwave (times are UTC, GMT, and Zulu):

DX'ers Unlimited, R. Havana-19950: Wednesday, 0040, 0240, 0440; Sunday, 0140, 0340.

DX Partyline, HCJB: 15270, 21455; Saturday, 1907, 9745, 15155; Sunday, 0037, 0237, 0507.

The World of Radio: RFP: 15030, 21465; Saturday, 1830; 7375, 15030; Sunday, 0230; 13630, 15030; Sunday, 2230; 15030, 21465; Tuesday, 2000; 7375, 15030; Wednesday, 0400; 15030, 21465; Friday, 2000.

WRNO Worldwide: 7355; Sunday, 0100; 15420; Sunday, 2130; 15690; Monday, 2200.

R. Netherlands, Jonathan Marks: 9630, 11895; Thursday 0752; 11895; Thursday, 0952; 15570, 17605, 21685; Thursday, 1852; 9895, 11660, 13700; Thursday, 2052; 6020, 6165, 11835; Friday, 0052; 9590, 11720; Friday 0352.

FM DXD ... The editing torch has been passed from Todd Brandenburg to Mike Hawk - 10212 P St. - Omaha, NE 68127-2130. Mike's first FM column will appear in the April 19 DXN, so your deadline to get loggings to him will be April 9, or about April 5 to reach him in time for him to type them up and mail them to Topeka.

Remaining DXN Schedule, Volume 60

21.	Mar. 5	Mar. 15	26.	May 21	May 31
22.	Mar. 12	Mar. 22	27.	June 18	June 28
23.	Mar. 19	Mar. 29	28.	July 16	July 26
24.	April 9	April 19	29.	Aug. 13	Aug. 23
25.	April 23	May 3	30.	Sept. 10	Sept. 20

DX Time Machine

From the pages of DX News:

50 years ago ... from the Mar. 6, 1943 DXN: Stan Morss, Bradford, MA submitted a list of the new 20-watt CBC relay stations; 10 were relays of CBR, Vancouver, and one was in Edmunston, NB. Editor Ray Edge received eight veries in one mail, including four from the west coast: KAST, KELA, KIX, and KOAC.

25 years ago ... from the March 2, 1968 DXN: Dave Schmidt, Chester, PA was shadowing two pirates: one on 642 kHz, the other on 1250. He couldn't hear WAMS, however ... Bernie Duffy, Staten Island, NY pulled in KOWB-1290 Laramie, WY on 2-19 but said that logging couldn't compare to fellow Staten Islander Pete Clarius's logging of HJCE-860 Bogotá several mornings.

10 years ago ... from the March 7, 1983 DXN: Pirates reported by Mike Reid, Willowdale, ON; and Jerry Starr, Hubbard, OH included KPRC-1616, WAR-1618, and WGUT-1630 ... Howard Kemp, Laconia, NY made the front page of his local newspaper, which profiled his "unusual" hobby, broadcast-band DX'ing.

AM Switch

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Old call:	New call:	Old call:	New call:
610 WHYM FL Pensacola	WVTJ	1340 WTSW PA Wilkes-Barre	WYCK
750 WWAX PA Olyphant	WMXH	KORQ TX Abilene	KYYD
770 KPLA CA Riverbank	KDEY	1360 WELP SC Easley	WLWZ
1030 WMIN MN Maplewood	WCTS	1380 KIPO HI Pearl City	KIFO
1050 WNTR MD Silver Spring	WKDL	1460 WPRW VA Manassas	WKDZ
WPXA MI Ann Arbor	WTKA	1470 WMDR TN Alcoa	WBCR
1070 KRBE TX Houston	KCRR	KSPL TX San Marcos	KUOL
1150 WKPA PA New Kensington	WGBN	1540 KSGB TX University Park	KTNO
1170 WJCC MA Norfolk	WDIS	WRBN VA Richmond	WREJ
1230 WTDH MD Baltimore	WKDH	1550 WAAJ AL Huntsville	WLOR
1280 WBBB GA Macon	WKXK	1600 KRXY CO Lakewood	KWMM
1310 KZVE TX San Antonio	KONJ	KBBX UT Centerville	KCPX

APPLICATIONS/GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

None

GRANTS TO EXISTING FACILITIES

1040 KIIT HI	Honolulu:	relocate transmitter site
1100 KCCF AZ	Cave Creek:	relocate transmitter site (new station not yet on the air)
1130 WAMG TN	Gallatin:	relocate transmitter site

OTHERNESS

710 WEGG NC	Rose Hill:	station is SILENT for repairs
1340 WYCK PA	Wilkes-Barre:	silent as WTSW is now ON THE AIR and rebroadcasting programming from WICK-1400 Scranton
1360 WLCM SC	Lancaster:	this call, WLCM, is now being used on the air by ex-WNNY-1390 Charlotte, MI. We have no record of Lancaster changing calls. Can somebody in that area check to see if this station still exists and, if so, the call letters they are using? Did another call change fall thru the cracks at the FCC?
1480 KRRU CO	Pueblo:	silent station is ON THE AIR
KFMQ NE	Lincoln:	silent station appears to be ON THE AIR using the call KYNX. We have no record of this call change. How about it Lincoln people?
1490 KXRE CO	Manitou Springs:	silent since May 1992, this station has new ownership (same group that just put KRRU-1480 back on the air) and is expected to return to the air, Spanish format is rumored.
1530 KXRQ AR	Trumann:	station is SILENT
1560 WTKN AL	Daleville:	station is SILENT

THANKS: Al Merriman (via the NRC Net), Wayne Heinen and MSJ.

73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Foonman

Jerry Starr
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Domestic DX Digest

North: Bill Hale

495 Creekview Drive - Meridian, ID 83642-3241

South: Duncan Shaw

2618 Ellendale Place, #3 - Los Angeles, CA 90007

East: Dave Braun

11 Mill Bend Acres - Wyoming, DE 19934-9523



DX Catches in the U. S. and Canada, with 24-br. ELT



DDXD North

MEDIUM WAVE RAMBLINGS

- Welcome aboard the DDXD-North Flight 20 for this Volume year. A special *Hello* goes to Sheldon Harvey of Greenfield Park, Quebec, who graces us with a bazillion loggings garnered from his attempts for the Canadian International DX Club medium wave contest which ran from Feb 1 through Feb 15 (plus a few from just before the contest began). Welcome, Sheldon, and hope to hear from you again soon. Hope you won the contest!!
- Todd Skaine clears up the ??? surrounding 1030 in the Twin Cities. See SPECIAL, below.
- Please, please, pul-e-e-e... report the correct city-of-license (especially on Tests). Don't use the mailing address. If they don't sound right I havta look 'em up, which takes extra time.
- Remember, my E-Mail address on Prodigy is MTFH12A. Plus, I always check the Broadcast and FCC echos on FidoNet. And the phone number here is 208-888-7398. Call before 2100 Mountain Time, please.

SPECIAL and WEIRD

560 **WHND** MI Monroe - 2/8 0943 - Morning funny-man Bill Stewart announces the birthday of station engineer and then proceeds to play 30 seconds of 1 kHz TT in his honor. Who could ask for anything more? (JL-OH)

620 **WTMJ** WI Milwaukee - 1/23 0200 - Noted OFF (Saturday morning), leaving strong SS station and several unIDs. (KDF-IL)

740 **WRPX** WI Hudson - Bought by same outfit as bought 1030 Maplewood (see below), and moved old WMIN format (NOS) here, except for Saturday morning SS programming, which remains. They do use their 9 watts at night. (FTS-MN)

800 **CKLW** ON Windsor - Will swap formats with CKWW on Monday, March 1. On 2/15 heard first on-air reminders for Music of Your Life listeners to follow the music to 580 on March 1, and to set a button to 580 now. Followed by CKWW personalities plugging new shows coming to CKLW after 3/1. The stations are apparently swapping formats only, and not CLs or frequencies. Also brings about the possibility of Blue Jays baseball moving to CKLW this year. (TS-MI)

1030 **WCTS** MN Maplewood - 1/30 0941 - Noted on the air with full 50 kw. Night power initially fluctuated, but has stabilized at 1 kw. REL format moved here from 100.3. The folks at WCTS sold 100.3 (the new guys also bought 107.9, but 100.3 is silent as of today) but wanted to stay in the business, so bought 1030 and WRPX Hudson, WI (See 740). Even after buying 1030, the WCTS folks have lotsa bucks in the bank. Bottom line here . . . 1030 is now WCTS with REL. (FTS-MN)

1160 **WJJD** IL Chicago - 1/25 0333 - Noted OFF leaving WAMB/KSL/unID tester. (KDF-IL)

1290 **WNBN** MS Meridian - Reception report to these guys at address in 1992 Log was returned by USPS as Undeliverable, no Forwarding Address on Record. (DHH-IA)

UNIDs and UNID HELP

540 **WSTH** **GA** Columbus - Is Don Moore's unID in Issue 15. The FM is on 106.1 in Alexander City, AL, and the AM was a regular visitor in metro Atlanta, next to semi-local WDUN-550 and the FM was a semi-regular visitor there. (EB-MO) ?? - 1/4 0201-0230 - Weak with OLD noted during the period (*Brother Louie* by The Stories at 0201, *Wild Thing* by The Troggs at 0224 and *Whipping Post* by The Allman Brothers at 0228). Nothing else noted. Could these have been part of KNAK's test? Also unID CLA music underneath, presumed much-needed WWCS. (RD-IA)

710 **CKVO** **NF** Clarendale - Could be Todd Skaine's unID in Issue 17. At 0510 ELT, CHYR would still be on 730, as LSR would be around 0700 ELT in Leamington. (EB-MO)

1240 **WCRW** **IL** Chicago - Either of these could be Morris Sorensen's unID in Issue 16. The NRC Log shows either could have been on at the time of his reception. CNN Headline News has been used as filler by some ETH-formatted stations. I probably would believe all three stations are sharing the CNN Headline News feed! The main Chicago CNN affiliate is WMAQ-670, but only carries the news updates. (EB-MO) [I heard them (WMAQ) carry the regular CNN Radio News feed on the hour while in the area over Christmas, but not the CNN Headline stuff - Ed.]

1620 **UNID** ?? - irregularly - TIS noted here evenings, and more recently in mornings until after my LSR. At first thought the Virginia Beach one, but obviously not with morning reception now. The most specific detail I've been able to make out is for something going on at the National Public Library. Possibly this was my threshold Aussie a few weeks back. (DHM-IA)

WKVA
AM Radio '92

DX AND EQUIPMENT TESTS

660 **KEYZ** **ND** Williston - 1/25 0230 - Poor with CIDs + 1 VID. (RK-IL)

690 **KEWI** **AR** Benton - 1/23 0300-03?? - Fair at best with lotsa CIDs. Mucho QRM here, so a verie was out of the question. (RD-IA)

KEWI **AR** Benton - 1/23 0300 - Fair with continuous CID. (RK-IL)

KEWI **AR** Benton - 1/23 0300-0316 - Fair with continuous CIDs, with occasional CBF ET. New here. (KDF-IL)

WZAP **VA** Bristol - 2/13 0002-0030 - Good, over CBF, with IDs, TT & REL music. (KDF-IL)

1020 **WNTK** **NH** Newport - 1/4 0301-0330 - Good under KDKA with solid CIDs for the whole time, with a VID to wrap it up. Nice verie received in which Robert Vinikor said mine was the most westernmost [I KNOW that won't make it through my spell checker, hi - Ed.] U.S. reception. State #42. (RD-IA)

1070 **WANM** **FL** Tallahassee - 2/6 0008-0040 - Good with alternating CIDs and a very boring VID by a male announcer. (RD-IA)

WANM **FL** Tallahassee - 2/6 0000-0030 - Lots of CIDs & one possible TT heard. Also thought I heard UC music. Thru pesky WTSO & KHMO/KFDI/CHOK. #1057 from Minnesota. (FTS-MN)

1090 **WMUS** **MI** Muskegon - 2/5 0400-0430 - Plenty of CIDs in between C&W music. CIDs only could be heard during first half of test, then at 0419 signal came up nicely yielding C&W song about a county fair \Rightarrow CID at 0422 \Rightarrow song *Walk By* by LeRoy Van Dyke [One of my favorites - Ed.]. Faded out at 0424. Good \Rightarrow fair over unID FF. (JL-OH)

WMUS **MI** Muskegon - 2/5 0400-0430 - In quite well with CIDs and possibly one C&W song at 0416. KAAY normally obliterates everything here, but it was only a minor nuisance tonight. (RD-IA)

1280 **KEAN** **TX** Abilene - 1/4 0335-0350 - Fair with CIDs noted at 0335, 0340 and 0349. Verie back on 1/19. (RD-IA)

1310 **KAAM** **TX** Dallas - 2/8 0257 - Noted one CID, and that was it. Conditions just not very good tonight. (RD-IA)

KAAM **TX** Dallas - 2/8 0200 - No luck. No sign of TTs. Just regular KDIA. Recheck from 0219-0225 brought just KDIA with GOS program and preacher. (RO-AK) ... Not heard as WMTG and WDOD pretty much had things wrapped up. (JL-OH)

1420 **WOC** **IA** Davenport - 1/18 0145-0230 - Obviously very strong here just on the other side of town! Was on the air at least 15 minutes early with OC, but no IDs until :00. As of 1/29 the CE had received only four reports, including mine. One he couldn't verify, and others were from Ontario and Tennessee. Too bad not a better turnout. He plans to run another next January. (DHM-IA)

1480 **KLEE** **IA** Ottumwa - 2/7 0122-0145 - With CIDs, tone. Over WHBC and WOPA splash. (KDF-IL)

1590 **WARV** **RI** Warwick - 1/25 0340-0410 - Very spotty reception here with only portions of the code. Never got more than four consecutive letters, but was able to piece together message. Not nearly as good as WNTK test earlier this month. (DHM-IA)

TIS & OTHER STUFF

1610 **TIS** **WI** Kenosha - 1/24 2232-2235 - Fair with continuous tape loop with Wisconsin Tourist/Travel info. Phone # 1-800-432-TRIP. Over Caribbean Beacon. New. (RR-ON)



HARMONICS

2580 **WNBN** **MS** Meridian - 1/26 0636-0640 - With local ads, news, ID. Heard frequently and strong since during both AM and PM. Has become most dependable harmonic on the band. (DHM-IA) (2 x 1290)

2880 **WROK** **IL** Rockford - 2/4 0538-0544 - With ads, sports, ID. Poor, but better than 1440, which had a lot of QRM. One of only a few times I've heard a harmonic and fundamental at the same time. (DHM-IA)

MIDNIGHT TO 0800 HOURS ELT

540 **WGTO** **FL** Pine Hills - 1/18 0303 - Surprised to catch ID 540 Sports Radio WGTO briefly fade up over Mexico. (DHM-IA)

570 **CKGL** **ON** Kitchener - 2/5 0632 - Good with area news with references to the *Twin Cities* (Kitchener/Waterloo). (SH-PQ)

580 **CKAP** **ON** Kapuskasing - 2/5 0641 - Good, under CFRA, with sports and AM 58 ID. (SH-PQ)

CFRA **ON** Ottawa - 1/27 0713 - Poor over CKYC slop with announcement . . . news on the hour, news at once, 580 CFRA \Rightarrow traffic report. (MB-ON)

640 **WBOW** **IN** Terre Haute - 1/23 0206 - Strong with station promo, *Mystery Song Prize Package*. Usually heard days now. (KDF-IL)

870 **WHCU** **NY** Ithaca - 2/6 0644 - Good with Newsradio WHCU ID & local sports. (SH-PQ)

920 **CJCH** **NS** Halifax - 1/19 0636 - Good with *Playing the favourites of yesterday and today*, CJCH. (SH-PQ)

940 **KIOA** **IA** Des Moines - 1/24 0335-0444 - Fair \Rightarrow good over XEEQ with *Solid Gold Saturday Night* satellite-fed oldies show [At that hour, it must have been on a tape-delay basis - Ed.], promo for *Brown Bag Hall of Fame* program . . . weekdays at noon on all-oldies KIOA. Several All-Oldies KIOA IDs noted. (MB-ON)

950 **WIBX** **NY** Utica - 2/6 0651 - Good with Radio 950 ID and CNN Headline News. (SH-PQ)

1020 **WNTK** **NH** Newport - 2/6 0700 - Fair with local ads to MBS News at :00. Under KDKA. (SH-PQ)

1030 **WYSL** **NY** Avon - 2/8 0729 - Good, under WBZ, w/*Newstalk 1030 WYSL*. (SH-PQ)

1120 **WBIS** **CT** Bristol - 2/1 0554 - Fair with local ads and area weather. (SH-PQ)

1190 **WLFB** **NY** New York - 2/5 0730 - Good with traffic & ID *Your Caribbean Music Station*, WLFB. (SH-PQ)

1210 **WKNX** **MI** Frankenmuth - 2/6 0752 - Good in SS with polka music. (SH-PQ) [That's quite a format, hi - Ed.]

1240 **KFMO** **MO** Flat River - 1/21 0106 - Fair briefly in WEDC null with full ID, possibly a sign-off announcement. Second time heard at this time. (KDF-IL)

1250 **WGL** IN Fort Wayne - 2/3 0756 - With ID noted in station jumble. (DHM-IA)
WARE MA Ware - 2/8 0536 - Fair with *All the best oldies*, *WARE* ID. Station was listed as silent, but now on. (SH-PQ)

1260 **CIHI** NB Fredericton - 2/6 0722 - Good with *C-High Stereo* ID and weather. (SH-PQ)

1320 **WLBE** VA Richmond - 2/4 0715 - Good with *Traffic and weather together, AM 1320 WLBE* ID. (SH-PQ)

1330 **WTRE** IN Greensburg - 2/9 0600 - Good with beginning of *WTRE News* after possible sign-on. (RD-IA)

WADJ PA Somerset - 2/8 0752 - Good with Somerset County weather and ID ==> *Joe Cocker* song. New. (SH-PQ)

1350 **WINY** CT Putnam - 1/19 0700 - Good w/NOS format ==> newscast. New. (SH-PQ)
CKDO ON Oshawa - 2/8 0754 - Good with *Goodtime Oldies 1350 CKDO* ID. (SH-PQ)

1360 **WIXZ** PA McKeesport - 2/5 0748 - Fair with *Wick-see 1360 Country* ID. (SH-PQ)

1500 **WTOP** DC Washington - 2/6 0033 - Good signal, even with KSTP in their null with *WTOP Newstime* is 12:33. 1st time heard with KSTP on. (FTS-MN)

1520 **WGAM** MA Greenfield - 2/4 0705 - Fair under WWKB with local weather after AP network News. NOS format. (SH-PQ)

KOMA OK Oklahoma City - 1/25 0153-0200 - Fair with ID as *Here on KOMA*. Oldies program *Wax Museum*. WKBW off. (RR-ON)

1550 **WLVX** CT West Hartford - 2/8 0700 - Fair with ID as *Hartford's Christian Station*. (SH-PQ)

WYNX GA Smyrna - 2/4 0744 - Fair with *Light 1550 WYNX* ID. (SH-PQ)

1570 **WBUG** NY Amsterdam - 2/8 0709 - Good with *Country Favourites on the Bug*. (SH-PQ)

1580 **WONZ** NJ Hammonton - 2/8 0714 - Fair with promo for *WONZ Birthday Club*. (SH-PQ)

1600 **WJQI** VA Chesapeake - 2/4 0733 - Fair with slogan *You're up-to-date with Joy 95*. New. (SH-PQ)

0800 TO 1600 HOURS ELT

WKA1 Broadcasting Company
 P. O. BOX 250
 MACOMB, ILLINOIS 61465

920 **KLMR** CO Lamar - 2/19 0902-0906 fadeout - Fair with *ABC-Info News*, and very fast *KLMR - KSEC Lamar* ID by female ==> what sounded like a morning news/info show called *As You Like It* (unsure of title). [Ed.-ID]

WIRD NY Lake Placid - 2/1 1053 - Fair with *Adirondack Radio* IDs. (SH-PQ)

1160 **WYNS** PA Lehighton - 2/5 0849 - Good with *1160 Wins* ID and *Classic Hits*. (SH-PQ)

1180 **WJJF** RI Hope Valley - 2/3 0910 - Good with sports, CLs & ads. (SH-PQ)

1310 **WVIP** NY Mount Kisco - 2/4 1553 - Good with *FM-106.3 WVIP* ID. (SH-PQ)

1330 **WEBO** NY Owego - 2/6 0819 - Good with *Classic Country* ID. (SH-PQ)

1460 **WFMH** AL Cullman - 2/2 0828-0830 - Briefly on top with several local ads mentioning *Cullman*. (DHM-IA)

WXOK LA Baton Rouge - 2/2 0834-0841 - On top with ad string, promo for *WXOK Daywatch News* sponsored by *South Central Bell Yellow Pages*. Then female announcer with long list of local birthday greetings. (DHM-IA)

1480 **WBBP** TN Memphis - 2/2 0820-0823 - On top with ID, promos for local gospel music events. (DHM-IA)

1490 **WIKE** VT Newport - 2/8 0841 - Fair with *1490 WIKE* phone-in contest. (SH-PQ)

1540 **WPGR** PA Philadelphia - 2/5 0812 - Fair under *WPTR* with *OLD* and *PGR Gold* ID. (SH-PQ)

KQWB ND West Fargo - (no date) 0845 - Poor signal with *CNN Headline News*, *KQ Country* slogan, promo for *Moorehead State University* sports. C&W music. (TR-II)

1580 **WLIM** NY Patchogue - 2/5 0820 - Fair under *CBJ* with NOS format & local-area ads. (SH-PQ)

1590 **WGGO** NY Salamanca - 2/7 1544 - Good with *You're listening to Talk Radio WGGO, Salamanca*. (SH-PQ)

1600 TO 2400 HOURS ELT

560 **WISH** PA Philadelphia - 2/3 2120 - Fair with *Stay with us on WISH Stereo 560*. (SH-PQ)

570 **WMCA** NY New York - 2/1 2129 - Good with *New York's Inspiration*, *WMCA* ID. (SH-PQ)

640 **WHOI** FL Wildwood - 2/14 2305 - In a huge pileup, with *Newsradio 640 WHOI* semi-ID. New. Boy, I remember when KFI would be all alone on this frequency! (RF-OH)

WOI IA Ames - 1/19 2035-2045 - Fair with speeches by local politicians for educational positions. Talk about education in Iowa. Mention of *Davenport*. CHOG looped. (RR-ON)

WCRV TN Collierville - 1/12 2155-2205 - Very good with *Through the Bible* program, IDs as *WCRV - you're Christian Companion*. Weather for Memphis and Mid-South. More REL programs. (RR-ON)

710 **CHYR** ON Leamington - 1/23 1654 - Good with *Playing country favourites on Cheer*. Ad for *Superior Propane*. New. (SH-PQ)

740 **WPAQ** NC Mount Airy - 2/15 1740 - Good, with CBL looped, with NOS. 1742 Federated Insurance Company ad, news about North Carolina sports teams, 1748 *WPAQ* ID ==> EZL music. New. (RF-OH)

910 **WLAS** NC Jacksonville - 1/26 1813 - Fair with pest CKLY nulled. ID as *Eastern Carolina's news center*, *WLAS* ==> local weather and storm warnings of a possible *Nor'easter*. (MB-ON)

WAVL PA Apollo - 1/20 1714 - Fair with sign-on announcements with call letters. (SH-PQ)

1030 **WUFL** MI Sterling Heights - 1/20 1710 - Good with promo for Christian weekend conference in Troy, Michigan. Weather, CLs & 1-800 number. *Commercial-free Family Life Radio* slogan. New. (SH-PQ)

1040 **WSKE** PA Everett - 2/3 1639 - Good with *The Best Country - WSKE* ID. (SH-PQ)

1080 **WEEP** PA Pittsburgh - 1/20 1700 - Good with several IDs as *Classic Country*. (SH-PQ)

1150 **CKMO** ON Hamilton - 2/7 1630 - Good with *Oldies 1150* IDs & local ads. (SH-PQ)

1160 **WSKW** ME Skowhegan - 2/15 1655 - Good with NOS. 1659 AM 1160 *WSKW* ID, then faded into mess (after ID for a change!). Pest WJJD looped. New, for ME #1. Yessss! (RF-OH)

1170 **WJCC** MA Norfolk - 1/27 1720 - Good with *AM 1170* IDs with REL talk show. Sign-off announcements @ 1730 with address and telephone number. (SH-PQ)

1200 **WCHB** MI Taylor - 2/3 1757 - Fair with phone-in show up to ID @ :00. (SH-PQ)

WBZY PA Newcastle - 2/5 2156 - Good with ID, weather & *Rod Stewart* song. (SH-PQ)

1230 **WMOU** NH Berlin - 2/5 1841 - Fair with *AM 1230* ID and ads for local furniture store. (SH-PQ)

1240 **WWCO** CT Waterbury - 1/20 1620 - Fair w/traffic & *Oldies 1240 CO* ID. (SH-PQ)

WUOK MA West Yarmouth - 1/26 1732 - Fair with *Cape Cod's 24 hour news* source ID. New. (SH-PQ)

WFTN NH Franklin - 2/5 1903 - Fair with morning show promo and CLs. (SH-PQ)

WGVA NY Geneva - 1/20 1619 - Good with local weather report. (SH-PQ)

1250 **WMTA** SC Charleston - 1/26 1722 - Fair with local-area sports report. (SH-PQ)

1260 **WNDE** IN Indianapolis - 1/27 1653 - Good with traffic for Interstates 65 & 465. Call ID. New. (SH-PQ)

1300 **WAVZ** CT New Haven - 2/7 1653 - Good with area weather and *13 Zee-Rock* ID. (SH-PQ)

WXPX PA West Hazleton - 1/26 1700 - Good with *Lucky 13 Country WXPX* ID. (SH-PQ)

1320 **WKAP** PA Allentown - 1/26 1656 - Good with *Your station for the Lehigh Valley*, *WKAP* slogan. New. (SH-PQ)

1330 **WVHI** IN Evansville - 2/8 1833 - Good with Evansville weather and *Praise 1330* program. (RD-IA)

WHAZ NY Troy - 2/5 1608 - Good with Christian POP songs & ID. (SH-PQ)

WHBL WI Sheboygan - 1/25 1645 - Very good with PSAs for Sheboygan Jaycees, in business report and *True Value Hardware* ad. New. (SH-PQ)

1350	WIOU	IN Kokomo - 2/8 1819 - Fair with ads for <u>Carpetland USA</u> in Kokomo and <u>WIOU Home Show</u> . (RD-IA)
	WXCL	IL Peoria - 1/25 1823 - Fair with CLs only heard out of the pile-up on frequency. New. (SH-PQ)
	KRNT	IA Des Moines - 1/25 1809 - Good with songs by <u>Sinatra</u> and <u>Blackbyrds</u> . ID: <u>Stay with us, KRNT</u> by DJ. New. (SH-PQ)
	WRNY	NY Rome - 2/1 1753 - Fair with NOS format with <u>Music of Upstate New York</u> slogan. New. (SH-PQ)
	WOYK	PA York - 2/7 1751 - Fair with <u>Country 1350 WOYK</u> ID and local merchant ads. (SH-PQ)
	WBSK	VA Portsmouth - 2/7 1749 - Fair with promo for an oldies show . . . on <u>WBSK</u> . (SH-PQ)
	CHVR	ON Pembroke - 1/27 1739 - Good with <u>Valley Radio</u> ID after POP song. (SH-PQ)
1360	WSAI	OH Cincinnati - 2/3 2247 - Good with <u>Sports Radio WSAI</u> ID. (SH-PQ)
	WHBG	VA Bridgewater - 2/7 1703 - Good with oldies program called <u>The Wax Museum</u> and <u>Good as Gold</u> slogan. (SH-PQ)
	WGEE	WI Green Bay - 1/25 1700 - Very good with slogan: <i>Keeping you informed . . . into local newscast.</i> (SH-PQ)
1380	WNRI	RI Woonsocket - 2/4 1759 - Fair w/ <u>Open Line Show</u> & ID @ :00. (SH-PQ)
1390	WLCM	MI Charlotte - 1/25 1730 - Very good with sign-off announcements and <u>Serving the Community</u> slogan. All after <u>Bob Larsen Show</u> . CLs heard in pile-up. New. (SH-PQ)
1440	WLPZ	ME Westbrook - 2/4 1753 - Good with <u>1440 WLPZ, Home of the Smart Shopper</u> ID, ads & Larry King show. (SH-PQ)
	WCDL	PA Carbondale - 2/6 1730 - Fair with CLs and <u>1440 Radio</u> jingle. New. (SH-PQ)
1530	WWGZ	MI Lapeer - 2/7 1726 - Good with <u>Country Gold 1530 WGZ</u> ID. (SH-PQ)
	WRTP	NC Chapel Hill - 2/7 1728 - Fair with local PSA & CLs twice. (SH-PQ)
1550	WARD	PA Pittston - 2/2 1730 - Good with ads for Poconos skiing. ID as <u>WARD Pittston-Scranton-Wilkes Barre</u> . (SH-PQ)
1580	WPGC	MD Morningside - 1/20 1648 - Fair with <u>Newsradio 1580</u> ID. (SH-PQ)
	WWOF	NC Camp Lejeune - 2/4 1641 - Fair with CLs and REL music. (SH-PQ)
	WNZT	PA Columbia - 2/5 1724 - Fair with CLs and ads for Lancaster County merchants. New. (SH-PQ)
1590	WARV	RI Warwick - 2/4 1734 - Good with traffic, weather and <u>Bob Larsen</u> . New. (SH-PQ)

REPORTERS

WSSL
CONTINUOUS HIT COUNTRY!

RO-AK	Rod O'Connor Kodiak, AK ;
RR-ON	Robert Ross London, ON ; Collins 651S-1, Hammarlund SP600 + longwires/dipoles or 2½' box loop
DHM-IA	Don Moore Davenport, IA ; R-5000/ICF-2010 w/400' mini-beverage or 150' Iw or Radio West Loop
SH-PQ	Sheldon Harvey Greenfield Park, PQ ; ICF-6800W + 3½' box loop
JL-OH	Jeffrey Less Toledo, OH ; RF-5000A
RD-IA	Rick Dau Iowa City, IA ; R-1000 + RW Loop
EB-MO	Eric Bueneman Hazelwood, MO ; unID help via Prodigy
FTS-MN	Todd Skaine Minneapolis, MN ; Sony ICF-2010 (report via Ma Bell)
RK-IL	Robert Kramer, N9MBK Chicago, IL ; R-5000, R-1000, HQ-129X, Radio West Loop, Kowalski Loop + Kantronics Signal Enforcer peak/notch filter, MFJ-752C SSB/CW filter
KDF-IL	Karl Forth Chicago, IL ; IC-R70, HQ-160, spiral loop, LW
MB-ON	Mike Brooker Toronto, ON ; Panasonic RF-2200, Sony ICF-7600D
RF-OH	Rich Frcho Willoughby, OH ; Drake R8, JRC-NRD-515 + LW, LA-36 loop [and so it goze, er, ah goes - hi Ed.]
TR-IL	Thomas Reiser Chicago, IL ; Sony ICF-2003 w/built-in antenna
TS-MI	Tom Sanders Davison, MI ; JVC Caradio
Ed-ID	Editor Meridian, ID ; ICF-2010

73, Bill

WRKO
The Talk Station 68AM
KNOV RADIO

DDXD-East

NEWS AND VIEWS

The next few deadlines for DDXD-East are March 6, March 13, April 3 and April 17. That's right, by the time you read this we're beginning to wrap up the weeklies.

Welcome to Mike Brooker from Toronto who was DXing at the *Kripalu Center for Yoga and Health* in Lenox, MA. And another welcome goes to Thomas J. Reiser of Chicago who was DXing with Mike Brooker at Mike's residence in Toronto.

Thanks also to Chuck Reh for the phone call with some help on another of your editor's UNIDs.

Jeff Kitze says the DX tests have been exciting, and he would like to see some from Maine and Vermont! Jeff also passes along his thanks to everyone for their help on his 940 "Hornets" UNID.

SPECIAL

800	CJBQ	ON Belleville - Is now CW format. (LK-ON)
930	WPAT	NJ Paterson - 2/4 1515 Noted with talk format during PM drive. Still has EZL/AC parallel FM in morning. (BH-NJ)
1490	WUSS	NJ Atlantic City - Has been noted on low power again, still on but way down signal-wise. (DS-DE) (But I still can't get anything other than WOJY-VA and WGCH-CT - db)
1520	WWKB	NY Buffalo - Continues to sign off about 0015 daily. (DS-DE)
1530	WJDM	NJ Elizabeth - 2/4 1545 Noted off the air as a brush fire swept through the woods where transmitter is located. Still off as of 2/10. 2/15 Station remains off the air following fire eleven days ago at transmitter site. Per local newspaper article, station expected back on soon. (BH-NJ)
1590	WCZN?	PA Chester - 2/15 1545 NOS over WJRO preacher in WKEN slop into ABC news at 1600, many mentions of "Unforgettable 1590", forecast for "Philadelphia-Wilmington corridor", which Chester is in, but too much slop to get an ID. Ex-CW. (DB-DE)

DX TESTS

600	WMT	IA Cedar Rapids - 1/31 0100-0200 Fair in WICC null with voice ID, NRC mention, 800-telephone number, morse code and tones. Nice surprise for IA #4. (BH-NJ)
	WMT	IA Cedar Rapids - 1/31 0100-0200 In good with morse code IDs, test tones, mostly WMT 1, for Iowa #3 in VA. Thanks for the QSL Rick! Heavy WCAO/Cuba QRM. Dang, I missed WOC! (JK-VA)
690	WZAP	VA Bristol - 2/13 0045-0101+ Fair/poor with tone, Christian music and phonetic IDs. (DS-DE)
990	WERK	IN Muncie - 2/13 0400-0430 Not heard, too much WRMM/WZZD. (RA-MA)
	WERK	IN Muncie - 2/13 Tried, not a trace. (AM-VA)
	WERK	IN Muncie - 2/13 0400-0430 Zzzzz. (JK-VA)
	WERK	IN Muncie - 2/13 0400 Not heard. Just WZZD. (BH-NJ)
1070	WANM	FL Tallahassee - 2/6 0000-0030 Zzzzz. (JK-VA)
	WANM	FL Tallahassee - 2/6 0008-0048 Poor on test program, only copied code IDs but got enough thru heavy QRM for a report. (HH-MD1)
	WANM	FL Tallahassee - 2/6 Weak with code IDs only. (DS-DE)
1090	WMUS	MI Muskegon - 2/5 0400 Not heard. Just WBAL. (BH-NJ)
	WMUS	MI Muskegon - 2/5 0400-0430 Zzzzz. (JK-VA)
1110	WNNW	NH Salem - 2/15 tried, not a trace. (AM-VA)
	WNNW	NH Salem - 2/15 0300 Not heard. Just WBT. (BH-NJ)
	WNNW	NH Salem - 2/15 0300+ Nothing heard, just WBT and presumed CKTY at times. WBZ and WHAM were noted much weaker than normal during this time, so conditions were not favorable. (DB-DE)
1180	KOFI	MT Kalispell - 2/1 0400 Not heard. Just WHAM. (BH-NJ)
	KOFI	MT Kalispell - 2/1 0400-0500 Tentative, in with partial morse code under Radio Taino/Radio Reloj, and "Listen to WHAM's 5:00 news hour, weekdays on 1180 WHAM, Rochester's news leader". At 0406 heard "T", heard an "I" at 0438, and a "J" or a "Q". At 0453 heard a "K". Have not heard KOFI since the early 70's during a WHAM silent period, and during a trip to Banff, AB. Have also heard them good in Boulder, CO. Will send them a report, I think I got them, like Hawaii was heard in ON during the WGN silent period last year. (JK-VA)

1280	KVOX	MN Moorhead - 2/13 0300-0315 Not heard, unneeded here. (RA-MA)
	KVOX	MN Moorhead - 2/13 Tried, not a trace. (AM-VA)
	KVOX	MN Moorhead - 2/8 0300-0310 Zzzzz. (JK-VA)
1310	KAAM	TX Dallas - 2/8 0200-0400 Zzzzz. (JK-VA)
1480	KLEE	IA Ottumwa - 2/7 0100-0200 Poor with "KLEE RICK D MRN" in morse code, some CKAN. Not bad for 500 watts, and IA #4 in VA! Also noted WTDY-WI or possibly KDBN-TX underneath, and UNID WRVW, which may be either WTOY or WRSW? (JK-VA)(Jeff, see UNID section - db)
	KLEE	IA Ottumwa - 2/7 Code IDs noted over/under CKDX. (DS-DE) (Guess I should have tried to stay awake for this one! - db)
1590	WWCC	PA Honesdale - 2/13 0000-0031 Mixing with WAKR and others on test with many CIDs, one VID at conclusion of test at 0030. (RA-MA)
	WWCC	PA Honesdale - 2/13 0005-0030 Code IDs only, generally poor signal, would have expected better! Best on 2' loop. (AM-VA)
	WWCC	PA Honesdale - 2/13 0000-0030 Not heard during first 15 minutes of test, but came in good at 0015 with "TEST DE WWCC WWCC WWCC HONESDALE, PENN.", in morse code. (JK-VA)
	WWCC	PA Honesdale - Listened on the wrong day! (DS-DE)

UNID AND UNID HELP

740	UNID	2/13 1705 - USA Radio Network News then a program of instrumental music "right here on 740, WJRD". This was the only ID before fade but it can't be right as WJRD is listed in log on 920. I'm positive that I heard the USA Radio Network right but am doubting my ears on the call ID. Over/under CBL. (LK-ON) (How about WJIB, Needham, MA, listed as BFL? - db)
1020	UNID	2/13 0912 - CW under KDKA. Later on it sounded like NOS/AC. WCKW? KCKN? KRAD? (JK-VA)(WCKW CP was cancelled per 1-25-93 AM Switch, KRAD is silent per 2-8-93 AM Switch - db)
1030	UNID	2/12 0707 - CW under WBZ. Later on it was CBS sports, then CW. No IDs heard. I think this was KTWO again. (JK-VA)
1110	WBT	NC Charlotte - Regarding "1110 UNID" in Vol. 60, No. 16 DX News, it is WBT. They pull the WTEM/Capital Broadcasting Redskins games off satellite. Talking with David Eades in WBT programming, I get the impression the station rebroadcasts the games with a short delay to catch those IDs. Somebody slipped? (JM-NC)
1480	UNID	2/7 0140 - In with KLEE test and "Business Radio Network" IDs. KDBN or WTDY? (JK-VA)(KDBN is now KCMZ and NOS per Log - db)
1480	UNID	2/7 0208 - In with Gospel music after KLEE test. Thought I heard a "WRVW" ID, but this could have been WRSW. Or is this super pest WTOY relaying someone else? (JK-VA) (Somewhere I saw a report that WAKB, Augusta, GA has changed to or is relaying WRDW - db)
1510	CKOT	ON Tillsonburg - Likely DB-DE's UNID in NO. 17 with mention of FM-101, as that matches their relay and sign off time is correct. (REH-ON)

0000 to 0800 ELT

540	WWCS	PA Canonsburg - 2/12 0730-0750 This station being heard daily here. Good at this hour and weak to fair later in day with semi-local WDMV off the air. Irish music, IDs, traffic and weather. (HH-MD2)
550	WDEV	VT Waterbury - 2/3 0729 Good with announcement "WDEV news time is 7:29" into business news. (MB-MA)
570	WNAX	SD Yankton - 2/7 0338-0400 Poor/fair over WTEM with CW, "WNAX" time checks, farm reports and weather. The big 927 foot tower getting out good this morning. North American Experimental, November 9, 1922, started 70 years ago! (JK-VA)
720	WGCR	NC Pisgah Forest - 2/2 0715 Good with sign on, mentions of 10KW power, omnidirectional antenna, etc., quickly followed by WWII sign on. (JK-VA)
740	WMBL	NC Morehead City - 2/14 0510 Perry Como song and an instrumental, then "740, WMBL" and back to "Dear Hearts and Gentle People". They have no PSRA and as watts are 1000/14 they must have been on daytime power early. Over/under SS but clear with no fade. (LK-ON)
	WMBL	NC Morehead City - 2/15 0324 NOS/EZL music over/under KRMG, ID at 0328, are they 24 hours? (DB-DE)

WSBC Broadcasting Company

4949 W. BELMONT AVENUE
CHICAGO, ILLINOIS 60641

770	WVNN	AL Athens - 2/4 0017-0035 Good, over WABC at times, with <i>The Jim Bohannon Show</i> and "For the latest news, sports and weather, lock in your radio to 770 WVNN News Radio, Athens Alabama", then ABC Information News. New, for AL #2 in VA. So much for the clear channels. (JK-VA)
840	WRYM	CT New Britain - 2/2 0736 Fair-poor with SS news, ad for travel agent specializing in flights to Puerto Rico. (MB-MA)
900	CJBR	PQ Rimouski - 2/14 0600 CBC signature "chimes", "Radio Canada" and call ID and news, all in FF. Over/under XEW. (LK-ON)
930	WIZR	NY Johnstown - 2/14 0607 With "WIZR, 930 AM, getting bigger to serve you better", then Nat King Cole and Natalie Cole with <i>Unforgettable</i> . Strong with fade. (LK-ON)
970	WYNZ	ME Portland - 2/3 0734 Fair with <i>Unforgettable</i> by Nat King Cole, ID as "WYNZ, your original all-hit station". Last logged in Toronto in 1976 as WCSH. (MB-MA)
1110	WUHN	MA Pittsfield - 2/15 0645-0653 Quick sign-on, "Oldies station for western Massachusetts", 60's oldies, DJ joking with listeners, local ads. (BH-NJ)
1160	WSKW	ME Skowhegan - 2/5 0734 Fair-good with AIDS PSA from Center for Disease Control into local weather, ID as "AM 1160 WSKW". (MB-MA)
1250	WMTR	NJ Morristown - 2/2 0720 Fair with announcement "6 degrees in Morristown on the new WMTR", into ad for Ginsana ginseng extract. (MB-MA)
1260	WMMM	CT Westport - Fair over nulled WEZE with ID as "AM 1260 WMMM" into school bus schedule. (MB-MA)
1270	WTSN	NH Dover - 2/6 0642 Fair over WSPR with local weather, ski conditions on "WTSN morning information center". (MB-MA)
1280	WEIM	MA Fitchburg - 2/4 0658 Poor in nulled WADO with promo for sports trivia show and Celtics game on WEIM. (MB-MA)
1290	WJBR	DE Wilmington - 2/6 0653 Fair-poor with ID as "Wilmington's best mix of the 70's, 80's and 90's on Mix 99.5 WJBR". (MB-MA)
	CJBK	ON London - 2/5 0634 Fair-good with sports report talking about Ontario Hockey League and London Knights, promo for Don Cherry's <i>Grapeline</i> program on CJBK. (MB-MA)
1310	CIWW	ON Ottawa - 2/2 0642 Fair with ad for <i>Nutri-System</i> , local weather and promo for <i>Winterlude</i> winter carnival. (MB-MA)
1320	WARA	MA Attleboro - 2/15 0723 Poor but alone with weather forecast, "I'm Pat..., WARA metro weather" then faded. (DB-DE)
1320	WDER	NH Derry - 2/2 0645 Fair-poor with end of religious program, local weather and promo for broadcast of high school basketball game on WDER. (MB-MA)
	CKEC	NS New Glasgow - 2/5 0723 Fair with local weather, marine weather for Northumberland Strait, ad for <i>Brass Villa</i> in Highland Square. (MB-MA)
1330	WADJ	PA Somerset - 2/2 0730 Fair-poor with announcement "7:30 on WADJ" into talk about Punxsatawney Phil groundhog. (MB-MA)
1370	WELV	NY Ellenville - 2/4 0712 Poor in WFEA null with rundown of local school lunch menus, ID as "99.3 K-Lite time is 7:12". (MB-MA)
1380	WSYB	VT Rutland - 2/4 0706 Fair-good with promo for "WSYB Morning News" at 7:30 into local sports. (MB-MA)
1420	WBSM	MA New Bedford - 2/4 0620 Fair with quasi-local WBEC nulled with announcement "20 past 6 on WBSM" into talk about Marge "some of my best friends are Black/Jewish" Schott. (MB-MA)
1430	WMRV	NY Endicott - 2/3 0647 Good over nulled CJCL with horoscopes, "WMRV" ID jingle into <i>In My Life</i> by the Beatles. (MB-MA)
1440	WLPZ	ME Westbrook - 2/2 0657 Poor in mess, caught only "on 1440 AM WLPZ" into local weather. (MB-MA)
	WSGO	NY Oswego - 2/2 0652 Fair-poor with rundown of school closings, local weather and "Star 105" ID. (MB-MA)
	WNPV	PA Lansdale - 2/2 0709 Fair with ad for Delaware Valley College, "WNPV" suburban weather-scope" local weather. (MB-MA)
1470	WXKW	PA Allentown - 2/5 0705 Fair-poor with local news, many mentions of the Lehigh Valley. (MB-MA)
1480	WTDY	WI Madison - 2/7 0130 Tentative report, mixing with KLEE morse code, thought I heard "WTDY" IDs. Listened to Business Radio Network programming, may have been them. (JK-VA)
	CHRD	PQ Drummondville - 2/6 0726 Poor with FF sports report, ad for <i>Canadian Tire</i> . (MB-MA)

1510 CJRS PQ Sherbrooke - 2/5 0640 Good with sports, ID as "CJMS 1280, le leader de l'information", parallel CJMS-1280. (MB-MA)
 1520 WGAM MA Greenfield - 2/15 0705 Briefly over WTRE with female with call ID. (BH-NJ)
 1530 WDJZ OH Toledo - 2/14 0058 Finally IDed this guy, ending program with "Give us a call, 245-11?...weekly talk show", then ID. Thanks to WWKB being off. (DB-DE)
 1540 WABQ CT Bridgeport - 2/14 0630-0702 Weak in WCKY null with detailed sign on announcement in English, instrumental SSB, Spanish religious program. (BH-NJ)
 WPGR OH Cleveland - 2/13 0757-0802 Weak in WPGR null with pair of announcers with local ads. Lost signal at legal ID, but figured this was WABQ because phone number given on the air matched listing in NRC Log. (BH-NJ)
 1550 WCGO PA Philadelphia - 2/3 0711 Good in WPTR null with "Geator Gold" slogan into *Walk Like a Man by the Four Seasons*. (MB-MA)
 NY Salamanca - 2/3 0656 Good with rundown of school lunch menus in Salamanca, Ellicottville, etc. (MB-MA)

0800 to 1600 ELT

560 WEAZ PA Philadelphia - 1/31 0800 Clear legal ID noted during break between religious programs on Sunday morning. False report of call letter change to WISH probably caused by deceptive identification practice. (BH-NJ)
 800 CJAD PQ Montreal - 2/5 0813 Good with "CJAD all-day traffic watch". (MB-MA)
 820 WIQT NY Horseheads - 2/5 0819 Good with "Compuweather" forecast, NY and PA winning lottery numbers. (MB-MA)
 1360 WHLP MD Baltimore - 1/18 1102-1116 Ex-WEBB, 100% copy, new concept in radio - "All jobs all the time, 1360 WHLP". Washington/Baltimore area. (HH-MD1)

1600 TO 2400 ELT

700 CHSJ NB Saint John - 2/13 1648 CW song then call ID, ad for local restaurant, another call ID and time check as "10 minutes before 6". Fade in null of WCAT. (LK-ON)
 750 WSB GA Atlanta - 2/13 2055 Good signal with Georgia Bulldogs basketball. (TR/MB-ON)
 WBMD MD Baltimore - 2/13 1720 With the show *The Maryland Polka Train* with local polka events and three call IDs and slogan "Maryland's Voice of Christianity" followed by a rosary show. This is listed as only 730 watts! Very strong and clear. (LK-ON)
 780 CFDR NS Dartmouth - 2/13 1735 Rock music, ID as "All Hit Radio, 780, CFDR" and weather for Halifax-Dartmouth and local ads. In null of WABS with no WBBM around. All the Atlantic provinces were in well this session. (LK-ON)
 790 WLKW RI Providence - 2/5 1705-1715 Way atop with EZL music, then weak after pattern change. (DS-DE)
 CIGM ON Sudbury - 2/13 2116 Fair signal, Toronto Maple Leafs hockey. (TR/MB-ON)
 870 WHCU NY Ithaca - 2/1 2230 Fair over WWL with New York Rangers hockey game. This is well past New Orleans sunset. Thought they would have had to sign off well before 2230 EST, unless they stayed on to broadcast entire game. (MB-MA) (Log shows them as L2, but 24 hours, perhaps they just change patterns at New Orleans LSS - db)

910 CKLY ON Lindsay - 2/1 2200 Fair with Toronto Maple Leafs hockey game //CHML-900/CJCL-1430. This is a !@#\$%&* pest!! (MB-MA) (Hope I quoted you right! Don't feel picked on, they are a nighttime pest here too! - db)
 1160 WCCS PA Homer City - 2/13 2135 Fair, Indiana University of PA basketball. (TR/MB-ON)
 1170 WWVA WV Wheeling - 2/13 2150 Excellent, *Jamboree USA* country music program. (TR/MB-ON)
 1200 WCHB MI Taylor - 2/13 2104 Good signal, news with story on computer dating service for older Americans. (TR/MB-ON)
 1290 WHIO OH Dayton - 2/13 2128 Poor-fair signal with University of Dayton basketball. (TR/MB-ON)
 1320 WQIK FL Jacksonville - 2/7 2255 Good with CW and "FM 99, WQIK" IDs. (JK-VA)
 1390 WEOK NY Poughkeepsie - 2/12 1620-1700 At first thought this was WFBL, but was surprised to hear "1390 AM, WEOK" then NOS. Also IDs with "Tell a friend about the great songs on the Hudson Valley's great entertainer, 1390 WEOK". New here; I'll consider this a "Capitol District" station, over WFBL. (JK-VA)

*The All New
5000 WATTS*

RADIO 1410 - WQBQ
 P.O. DRAWER K
 LEESBURG, FL 32749

1530 WCEG

WWGZ

1550 WNTN

1615 GCC1

1620 PCH

MA Middleboro - 2/13 1652-1701 Fair with 60's oldies, station promo for free air time for community organizations. (BH-NJ)

MI Lapeer - 2/13 1717-1746 Good at times with fascinating locally produced rockabilly music special, "Country Gold AM 15-30" slogan, no call letter IDs noted, local ad for Flint, phone 627-GOLD. (BH-NJ)

MA Newton - 2/13 1614-1634 Good with Irish folk music, Irish social events calendar, mention of Irish programming Saturdays from 1030 until sunset. (BH-NJ)

OTHER STUFF

United Kingdom - Cullercoats Marine Radio - 2/15 0052-0110 Radiotelex transmissions, code "GCC1" marker, fair to fairly good. (HH-MD1)

Netherlands - Scheveningen Marine Radio - 1/15 0102-0116 Radiotelex transmissions, code "PCH" marker, weak to fair. No QRM. (HH-MD2) Also good 2/15 at 0135. (HH-MD1)

REPORTERS

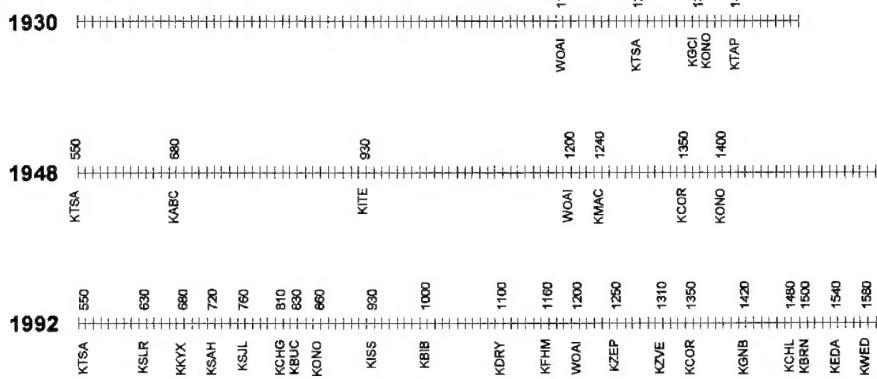
RA-MA Ray Arruda, Acushnet, MA: SX-122, HQ-180A, Radio West Loop
 MB-MA Mike Brooker, Toronto, ON DXing at the *Kripalu Center for Yoga and Health*, Lenox, MA: Sony ICF-7600D
 BH-NJ Bob Harrison, Union, NJ: GE Superadio
 HH-MD1 Hank Holbrook, Dunkirk, MD: Hammarlund SP-600 with Colegrove Loop
 HH-MD2 Hank Holbrook, Dunkirk, MD: Realistic DX-400 with 50 foot long wire
 LK-ON Laurence Kearley, Orleans, ON: GE Superadio II, Select-a-tenna
 JK-VA Jeff Kitze, Powhatan, VA: Sony CFM-140II AM/FM/Cassette, 100% barefoot
 AM-VA Alan Merriman, Annandale, VA: Drake R8, 2' Air Core Loop, Quantum Loop, 2-75' Slopers with noise reducing transformers, MWDX-5 phasing unit, MWT-2 regen. tuner
 JM-NC Jeff Multer, Charlotte, NC:
 REH-ON Charles Reh:
 TR/MB-ON Thomas J. Reiser, Chicago, IL and Mike Brooker, Toronto, ON DXing at Mike's residence: Panasonic RF 2200 with built-in antenna
 DS-DE Dave Schmidt, New Castle, DE: HQ180, SM2, Superadio II
 DB-DE Dave Braun, Wyoming, DE: R-2000, Palomar Loop

Dave

Now and Then John D. Bowker

Dial changes in AM markets, from 1930 to 1948 to 1992

SAN ANTONIO MARKET



14 International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Hank Holbrook checks in with some TA receptions in the soon-to-be BCB band extension above 1600 kHz. Very interesting! I wonder what the transmitter powers are?

A new loop is being marketed by KIWA, according to Werner Funkenhauser of Ontario DX Association in a recent phone call. He has ordered one and we look forward to hearing about his experiences with it.

With WWKB-1520 having a midnight EST s/off each night, why not take this chance to hear Saudi Arabia 1521!

Jim

TRANS-ATLANTIC DX

1615 UNITED KINGDOM GCC1, Cullerboats Marine Radio, 2/15 0552-0610 - Radiotelex transmissions, code "GCC1" marker, fair to fairly good. [HH-MD]

1620 NETHERLANDS PCH, Scheveningen Marine Radio, 1/15/93 0602-0616 - Radiotelex transmissions, code "PCH" marker, weak-to-fair, no QRM. Also good 2/15 0635. [HH-MD]

PAN-AMERICAN DX

650 CUBA R. Reloj, 1/28 0350-0400 - Fair with man reading news, clock ticks, ID as "R. Reloj" and "RR" in morse code on the minute. Also heard the next eveing at 0415. No R. Reloj outlet listed on 650 kHz. [RSR-ON] (Probably R. Rebelde runnning a Reloj feed, as heard by others in recent weeks - Jim)

660 MEXICO R 66, Mexico City, 2/21 0755 - With usual National Anthem under WFAN. Another unID station noted with Mexican music at 0820. [JR-NY]

885 MONTSERAT (see station news below)

STATION NEWS

COLOMBIA: While official time in this country still remains UTC-4, the Tulua area has decided after a referendum to return to former national time, UTC-5. The time shift was made on January 1st. [El País via PDX in Distance 2/93]

COLOMBIA: RCN 770 is now using "RCN R. Suceso" IDs. [WF-ON]

HONDURAS: R. Norte has been heard on 770.6 [WF-ON] RADIO

CB-114  **NACIONAL**
DE CHILE

Jim Renfrew

61 Wilcox Street
Rochester, NY 14607-3832

15

Formats

Changes in programming status; reported by listeners

MEXICO: 860 XECCN R. Caribe, Cancún 5 kW now here, ex-880 according to official sources. The move has been confirmed by recent reception of XECCN in Scandanavia. 890 XECTL is new here according to the same source. [JEÖ in Distance 2/93]

MONTSERRAT: R. Montserrat 885 is now operating with 10 kW (185 meter omnidirectional antenna) since January 25th, according to Lowell Mason, Station Engineer, in a telephone call with Werner Funkenhauser. Werner has heard the station several times of late with an signal stronger than usual. Schedule is 0600-2300 AST Monday-Saturday (1000-0300 UTC), 0500-1200, 1600-2100 AST Sunday (0900-1600, 2000-0100 UTC), with BBC news 0200-0230 UTC Monday-Thursday. Mr. Mason is very interested in receiving cassette recordings of their signal. [WF-ON]

NICARAGUA: R. Sandino is now La S Grande. Address is Apartado 4776, Paseo Tiscapa, Managua. WRTH LA Newsletter gives frequency as 760 rather usual 750. [WRTH-LANL via IRCA in NZDXT 1/93]

PORTUGAL: The following transmitters were taken out of service at the end of November: 756 Lisboa (Banatica), 1575 Canidelo, 1602 Azurara. [EBU via BDXC in ARC 1/30/93]

UNID LA: Werner Funkenhauser reports hearing LA signals on 720.2, 755, 876 and 1024 in recent weeks. Thanks to recent IDXD reports, I was able to help him with his 1024 kHz unID. Has anyone else heard the others? [WF-ON]

UNID TP: During November IRCA members Pat Martin (OR) and Larry Godwin (MT) have been hearing an unidentified Asian signal varying around 1617 and 1619 kHz in the 1415-1445 UTC time period. Language possibly Korean, according to a July report of a 1616 kHz mystery by Nick Hall Patch in Canada. [NZDXT 1/93]

CONTRIBUTORS

[RSR-ON] Robert Ross, London ON; 651S-1 COLLINS, Hammarlund SP600, Dipoles, longwires, 2' box loop.

[WF-ON] Werner Funkenhauser, Guleph ON.

[HH-MD] Hank Holbrook, Dunkirk MD; Hammarlund SP-600 with Colegrove Loop.

[JR-NY] Jim Renfrew, Rochester NY; Sony ICF-2010, Radio West Loop.

Tony Fitzherbert

356 Jackman Avenue
Fairfield, CT 06430-1728

Hartford, CT may have the distinction of being the first major radio market to have all of its AM stations offer almost total talk formats. All four licensed AM's, as of the middle of February, according to a Hartford Courant feature article, will be offering talk formats as you read this. Little (500 watt) WCCC-1290, which has long simulcasted its FM counterpart's album oriented rock dumps the simulcast for a day long syndicated talk fest, including Larry King from 3 to 6:00PM. And 5000 watt WDRC-1360, the local adult standard outlet, drops this for mostly talk (some standards will be heard overnights), fed from WOR, owned by WDRC's parent company. Dial scans for AM radio in the Nutmeg State's four major cities follow at the end of the column.

In Mount Kisco, NY, WVIP-1310 seems to have laid to rest its very old adult standard format - that is, format of extremely old music. Heard over northern Westchester County's full service outlet now is oldies, simulcast from sister WVIP-FM, with a morning news and information block.

Jerry Starr sends along the information that 50,000 watt CKLW-800, and 500 watt CKWW-580 are now both owned by the CHUM group in a Canadian Radio-Television and Telecommunications Commission - approved double duopoly. Along with the AM, CHUM also now owns both sister FM stations, and the entire collection will be housed in CKLW's Ouellette Street home. CKWW's news and talk format is being moved to CKLW, and Canadian talk will now boom across many states and providences, much to the delight of the CRTC. CKLW's MYL format? Tune in CKWW and you will hear it.

Here are the latest format changes, primarily from the M Street Journal.....

540	KOJY CA Costa Mesa	- Standards (M).
770	WEW MO St. Louis	- To be CSN preteen programming (M).
800	CJZQ ON Belleville	- Country music (M).
930	WSLI MS Jackson	- Talk as of 2/93 (M).
960	WLWV MD Salisbury	- SEN Sports (M).
960	WPMR PA Mount Pocono	- Sports (M).
990	KZZB TX Beaumont	- Black gospel "Gospel 990" (M).
1030	KJDJ CA San Luis Obispo	- Spanish (M).
1050	WLIP WI Kenosha	- News, talk (M).
1060	KPNA TX El Paso	- News, talk (M).
1060	KHYM TX Gilmer	- Black and Southern Gospel (M).
1070	WGOS NC High Point	- Variety (M).
1070	WKDR NY Plattsburgh	- Unis CNN Headline News (M).
1220	KRGO CA Fowler	- Spanish//KOQO (M).
1230	KATO AZ Safford	- News, talk (M).
1230	WAYX GA Waycross	- AC (M).
1230	WERI RI Westerly	- All talk (M).
1240	WBHB GA Fitzgerald	- SMN Hot AC (M).
1240	WGVA NY Geneva	- JSN oldies upon sale (M).
1250	KHIL AZ Wilcox	- Super CW, country music (M).
1250	WARE MA Ware	- Oldies weekdays, country music on Saturdays, polka programs on Sundays (TF).
1250	WLQM VA Franklin	- SMN Country music//fm (m).
1260	KQOI CA San Fernando	- Standards//KOYT (M).
1260	KVSF NM Santa Fe	- Eclectic rock//KOYT (M).
1280	WFYC MA Alma	- Unis oldies (M).
1310	WDOC KY Prestonberg	- JSN Country music (M).
1320	WCVG KY Covington	- JSN country music //WNKR (M). The station that gave the world the All Elvis format!!! (TF).
1330	KUPL OR Portland	- Country music//FM (M).
1340	KBOS CA Fresno	- News, talk (M).
1340	WKCB KY Hindman	- Black gospel (M).
1380	WFCL WI Clintonville	- To be JSN Soft AC in July (M).
1390	WDOT VT Burlington	- Bought by WKDR, across Lake Champagne in Plattsburg, NY, and picks up their talk format (M).
1400	WDNY NY Dansville	- Super country (M).
1400	KYLR TX Huntsville	- Oldies (M).
1440	WJUL NY Niagara Falls	- Oldies (M).
1450	WNAT MS Natchez	- Country music//WQNZ (M).



P. O. Box 798
Garden City, Kansas 67846

1450 KBUN MN Bejedmi
 1450 WHSC SC Hartsville
 1470 KRKI CO Estes Park
 1480 WRDW GA Augusta
 1490 KRBK IA Mason City
 1490 WKRO IL Cairo
 1490 WMGW PA Meadville
 1520 WWKB NY Buffalo
 1540 KTNQ TX University Park - Tejano (M). Spanish dialect???(TF).
 1590 WRBX FL St. Petersburg Beach - Urban AC (M).

Our thanks to the M Street Journal staff for their help. On to Connecticut Dial scans....from your editor.

Bridgeport, CT Dial Scan.

600 WICC - AC, oldies, AP news feed, L. King at 3:00pm, brokered programs and local talk at night.
 690 WADS (Ansonia) - Brokered Portuguese, only paid for by whoever.
 1450 WCUM - All Spanish programming for Bridgeport's immense Puerto Rican Population.
 1500 WFIF (Milford) - Religion, some ethnic on weekends.
 1530 WDJZ - Automated Portuguese and Spanish, some//WFNW.

New Haven Dial Scan.

960 WELI - Full service, AC, sports, talk.
 1220 WXCT (Hamden) - Spanish.
 1300 WAVZ - SMN Z Rock, station has 3 employees according to news report in the Connecticut Post! (former Bridgeport Post).
 1340 WNHG - Soft urban contemporary.
 1470 WMMN (Meriden) - Stardust adult standards.
 Waterbury Dial Scan.
 1240 WWCQ - All oldies.
 1320 WATR - Full service, talk, some AC, L. King at 3:00pm.
 1380 WFNW (Naugatuck) - Portuguese.

Hartford Dial Scan.

1080 WTIC - Talk, sports, some AC, full service for Hartford.
 1150 WCNX - All talk, IBN talk.
 1290 WCCC - All talk as of 2/15.
 1360 WDRC - Talk as of 2/15, mostly from WOR, some adult standards overnights.
 1410 WPOT - Local talk days, CBS News, and Talknet nights and weekends.
 1480 WKND (Windsor) - Urban contemporary, gospel.
 1550 WLVX (Bloomfield) - Contemporary Christian (M).

Well, all for this time.

73's to all!!

How to place mail orders ...

Write to NRC Publications - P. O. Box 164 - Mannsville, NY 13661-0164. Enclose check or money order; NY residents, add state and local taxes. Please allow 3-6 weeks for shipping.

AM Station Map Book, 2nd ed.

\$8.00, postpaid.

Edited by DDXD editor Bill Hale, this book is a companion to the AM Radio Log. Now easier to read than ever, the 170-page book is three-hole punched for a ring binder. Data is accurate as of 2-1-93, and updates of individual pages will be available at a nominal cost when a sufficient number of changes have occurred. Order from NRC Publications - Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.



Three-Letter Call Signs: Historic Roll Call

by Thomas H. White

This is a comprehensive roll call of three-letter calls used on the standard AM band in the United States, up to January 1, 1992. The main list reviews three-letter calls assigned to standard AM broadcast stations. This list is the result of an exhaustive review of official government records. Ideally, it includes every three-letter call ever assigned to a standard station on the AM band. Government and temporary stations, for which there is less complete information, are reviewed separately.

In many cases these three-letter calls had previously been assigned to ship or non-broadcast land stations. Also, many were later assigned to related FM and TV stations. However, these lists only review stations in the AM band.

The main list contains 249 entries, which comprise 241 distinct stations, since in eight cases--KGC/KNX, KZC/KOG, KZN/KSL, WBL/WWJ, WCM/KUT, WCX/WJR, WEB/WIL, and WGL/WOV--a single station accounts for two different calls. (The WCM/KUT link is somewhat tenuous). There are only 231 different calls, because in 14 cases--KGO, KOA, KSL, KZC, WBL, WDJ, WGH, WGM, WIL, WMC, WMH, WMJ, WOK, and WPG--the same call was used at different times by two different broadcast stations, while KGB and WGL have each been used by three different stations.

Each entry in the main list begins with the three-letter call, the studio location at the time of the call assignment, and the date of the first assignment of the three-letter call. In most cases the entry reflects the licensing of a new station. However, an asterisk (*) in front of the first assignment date marks cases where the three-letter assignment instead was a call change to an existing station, while a plus-sign (+) denotes three stations (KQV, KYQ, and WRR) which transferred to the broadcast service from a previous classification, but kept the three-letter call held before becoming a broadcast station.

The Status column lists the eventual outcome of the three-letter assignment. In cases where the three-letter call is no longer used the ending date is listed, followed by an equal sign and information on what occurred: either the station was deleted or a new call assigned. In the 58 cases where the station still holds its original three-letter call, the call is repeated along with the current frequency. Additional information includes current call, frequency and location for stations which have changed from the original information.

In some cases there have been breaks in usage and other aberrations, which are noted

Call / Studio Location/1st Asgn/Status as of 1-1-92

KDB Santa Barbara, CA	*01/09/29 ^09/08/90=KSPE-1490
KDN San Francisco, CA	12/08/21 05/01/23=deleted
KEX Portland, OR	12/23/26 KEX-1190
KFC Seattle, WA	12/08/21 01/23/23=deleted
KFH Wichita, KS	*12/-/25 KFH-1330
KFI Los Angeles, CA	03/31/22 KFI-640
KFU Gridley, CA	02/28/22 07/22/22=deleted
KFV Yakima, WA	03/25/22 05/05/23=deleted
KFZ Spokane, WA	03/23/22 09/08/23=deleted
KGA Spokane, WA	02/04/27 KGA-1510
KGB San Francisco, CA	12/08/21 03/23/22=deleted
" Tacoma, WA	04/08/22-12/11/25=deleted
" San Diego, CA	*03/27/28 03/15/82=KCNN, now KPOP-1360
KGC Hollywood, CA	12/08/21 06/20/22=del/repl. by KNX, see
KGF Pomona, CA	02/08/22 12/06/22=deleted
KGG Portland, OR	03/15/22 11/25/24=deleted
KGN Portland, OR	03/31/22 06/-/24=deleted
KGO Altadena, CA	03/15/22 08/21/23=deleted
" Oakland, CA	01/22/24 KGO-810 San Francisco, CA
KGU Honolulu, HI	03/14/22 KGU-760
KGW Portland, OR	03/21/22 KGW-620
KGY Lacey, WA	03/30/22 KGY-1240 Olympia, WA
KHD Colorado Springs, CO	04/05/22 03/20/23=deleted
KHJ Los Angeles, CA	03/18/22 02/01/86=KTH, now KKFJ-930
KHQ Seattle, WA	02/28/22 01/07/85=KLSN now KAQQ-590 Spok
KID Idaho Falls, ID	*02/16/29 KID-590
KIT Portland, OR	*03/22/29 KIT-1280 Yakima, WA
KJC Los Angeles, CA	04/10/22 01/24/23=deleted
KJJ Sunnyvale, CA	12/20/21 06/16/23=deleted
KJQ Stockton, CA	12/20/21 04/-/25=deleted
KJR Seattle, WA	03/09/22 >KJR-950
KJS Los Angeles, CA	03/10/22 07/-/25=KTBI, now KWKW-1330
KKP Seattle, WA	12/27/26 03/23/29=deleted
KLB Pasadena, CA	01/04/22 04/25/23=deleted
KLN Monterey, CA	03/31/22 11/30/23=deleted
KLO Ogden, UT	*04/11/29 KLO-1430
KLP Los Altos, CA	01/04/22 03/09/23=deleted
KLS Oakland, CA	03/10/22 09/10/45=KWB, now KDIA-1310
KLX Oakland, CA	05/03/22 06/07/59=KEWB, now KNEW-910
KLZ Denver, CO	03/10/22 KLZ-560

KMA Shenandoah, IA 08/12/25 KMA-960
 KMC Reedley, CA 03/31/22 09/01/23=deleted
 KMJ Fresno, CA 03/23/22 KMJ-580
 KMO Tacoma, WA 03/30/22 04/18/83=KAMT, now KKMO-1360
 KNI Eureka, CA 04/29/22 06/16/23=deleted
 KNJ Roswell, NM 04/05/22 11/26/23=deleted
 KNN Los Angeles, CA 04/25/22 06/07/23=deleted
 KNR Los Angeles, CA 04/10/22 08/23/22=deleted
 KNT Aberdeen, WA 04/26/22 03/19/25=del (Kukak Bay, AK)
 KNV Los Angeles, CA 04/10/22 04/02/24=deleted
 KNX Los Angeles, CA *05/04/22 -KNX-1070 (replaced KGC)
 KOA Denver, CO 03/20/22 06/23/23=deleted [YMCA]
 " Denver, CO 12/13/24 KOA-850 [General Electric]
 KOB State College, NM 04/05/22 10/28/86=KKOB-770 Albuquerque
 KOE Spokane, WA 04/12/22 10/07/22=deleted
 KOG Los Angeles, CA *02/02/22 03/09/23=deleted (x-KZC)
 KOH Reno, NV 09/13/28 KOH-630
 KOJ Reno, NV 05/01/22 06/07/22=deleted
 KOL Seattle, WA *12/06/28 09/01/75=KMP-1300
 KON San Diego, CA 04/10/22 03/09/23=deleted
 KOP Detroit, MI 03/18/22 11/28/25=deleted
 KOQ Modesto, CA 04/12/22 09/06/22=deleted
 KOW Denver, CO *06/30/27 03/25/29=deleted
 KOY Phoenix, AZ *02/08/29 KOY-550
 KPO San Francisco, CA 04/17/22 11/12/47=KNBC, now KNR-680
 KPQ Seattle, WA *05/02/28 KPQ-560 Wenatchee, WA
 KQI Berkeley, CA 05/04/22 12/10/23=deleted
 KQL Los Angeles, CA 10/13/21 06/09/22=deleted
 KQP Hood River, OR 04/12/22 04/-/26=KOIN now KBBT-970 Port
 KQT Yakima, WA 03/23/22 10/06/22=deleted
 KQV Pittsburgh, PA +01/09/22 KQV-1410 [pre-bcst: 11/-21]
 KQW San Jose, CA 12/09/21 04/03/49=KCBS-740 San Francisco
 KQY Portland, OR 03/30/22 05/03/23=deleted
 KRE Berkeley, CA 03/11/22 ^08/13/86=KBLX-1400
 KSC San Jose, CA 04/26/22 07/06/22=deleted
 KSD Saint Louis, MO 03/14/22 03/19/84=KUSA-550
 KSL San Francisco, CA 03/11/22 06/16/23=deleted
 " Salt Lake City, UT *03/24/25 KSL-1160 (x-KZN)
 KSO Clarinda, IA 10/09/25 >09/11/89=KGGO-1460 Des Moines
 KSS Long Beach, CA 04/10/22 04/02/24=deleted
 KTM Santa Monica, CA *11/-/28 05/06/35=KEHE, now KABC-790, LA
 KTW Seattle, WA 04/22/22 08/30/75=KYAC, now KKFX-1250
 KUJ Seattle, WA *12/-/26 KUJ-1420 Walla Walla, WA
 KUO San Francisco, CA 02/13/22 01/21/26=deleted
 KUS Los Angeles, CA 04/13/22 04/04/24=deleted
 KUT Austin, TX *10/30/25 >01/26/32=KNOW [x-WCM] KMOW-1490
 KUY El Monte, CA 04/25/22 09/29/24=deleted
 KVI Tacoma, WA 11/24/26 KVI-570 Seattle, WA
 KVL Seattle, WA *01/01/28 12/15/36=KEEN, now KING-1090

KVQ Sacramento, CA 12/09/21 01/02/23=deleted
 KWG Stockton, CA 12/07/21 KWG-1230
 KWH Los Angeles, CA 04/13/22 03/18/25=deleted
 KWK Saint Louis, MO *11/25/27 -06/01/84=KGLD-1380
 KXA Seattle, WA *10/-/27 04/11/86=KRP, now KULL-770
 KXD Modesto, CA 04/13/22 03/10/24=deleted
 KXL Portland, OR 11/27/26 KXL-750
 KXO El Centro, CA *11/11/28 KXO-1230
 KXS Los Angeles, CA 04/10/22 03/09/23=deleted
 KYA San Francisco, CA 12/17/26 ^12/13/83=KOIT-1260
 KYF San Diego, CA 04/26/22 12/01/22=deleted
 KYG Portland, OR 03/28/22 10/13/22=deleted
 KYI Bakersfield, CA 05/04/22 05/01/23=deleted
 KYJ Los Angeles, CA 12/09/21 05/01/23=deleted
 KYQ Honolulu, HI +11/01/22 03/05/25=d [pre-bcst: 11/9/21]
 KYW Chicago, IL 11/09/21 >KYW-1060 Philadelphia, PA
 KYY San Francisco, CA 12/20/21 01/24/23=deleted
 KZC Los Angeles, CA 12/09/21 02/02/22=KOG (see)
 " Seattle, WA 04/20/22 04/11/23=deleted
 KZI Los Angeles, CA 04/10/22 08/15/22=deleted
 KZM Oakland, CA 12/09/21 06/23/31=deleted (Hayward, CA)
 KZN Salt Lake City, UT 04/21/22 07/07/24=KFPT, later KSL (see)
 KZV Wenatchee, WA 05/03/22 06/-/24=deleted
 KZY Oakland, CA 12/09/21 01/24/23=deleted San Francisco
 WAH El Dorado, KS 03/28/22 03/06/23=deleted
 WBL Detroit, MI 10/13/21 03/03/22=WWJ (see)
 " Anthony, KS 04/05/22 12/15/24=deleted
 WBS Newark, NJ 03/11/22 05/-/25=WGCP/del 7/18/62 WHBI
 WBT Charlotte, NC 03/18/22 WBT-1110
 WBU Chicago, IL 02/21/22 11/07/23=deleted
 WBZ Springfield, MA 09/15/21 WBZ-1030 Boston, MA
 WCE Minneapolis, MN 04/05/22 12/01/23=deleted
 WCJ New Haven, CT 09/29/21 12/01/22=deleted
 WCK Saint Louis, MO 04/03/22 06/-/25=WSBF, deleted 11/30/28
 WCM Austin, TX 03/22/22 07/20/25=del (rep by KUT, see)
 WCN Worcester, MA 03/21/22 06/25/23=deleted
 WCX Detroit, MI 05/04/22 04/22/29=del (rep by WJR, see)
 WDM Washington, DC 12/22/21 06/08/25=deleted
 WDT New York, NY 12/22/21 12/28/23=deleted
 WDV Omaha, NE 03/30/22 02/07/23=deleted
 WDW Washington, DC 12/22/21 05/-/22=deleted
 WDY Roselle Park, NJ 09/19/21 02/20/23=deleted
 WDZ Toledo, OH 01/26/22 03/20/22=d/rel-WBAJ, del 1/2/23
 " Tuscola, IL 04/05/22 WDZ-1050 Decatur, IL
 WEB Saint Louis, MO 04/05/22 01/-/25=WIL (see)
 WEH Tulsa, OK 03/29/22 06/12/23=deleted
 WEV Houston, TX 03/23/22 01/10/25=deleted
 WEW Saint Louis, MO 03/23/22 WEW-770
 WEY Wichita, KS 03/23/22 06/23/23=deleted
 WF1 Philadelphia, PA 03/18/22 01/21/35=WFIL, now WEAZ-560
 WFO Dayton, OH 02/24/22 11/28/22=deleted
 WGF Des Moines, IA 03/14/22 09/29/23=deleted

WGH Montgomery, AL 02/03/22 06/05/22=deleted
 " Newport News, VA *11/20/28 WGH-1310
 WGI Medford Hillside, MA 02/07/22 02/-/25=WARC, deleted 4/-/27
 WGL Philadelphia, PA 02/08/22 12/31/24=deleted
 " New York, NY 01/03/27 08/08/28=WOW (see)
 " Fort Wayne, IN *11/11/28 WGL-1250
 WGM Atlanta, GA 03/15/22 08/28/23=deleted
 " Jeanette, PA 08/25/26 08/01/28=deleted
 WGN Chicago, IL *03/28/24 >WGN-720
 WGR Buffalo, NY 03/14/22 WGR-550
 WGU Chicago, IL 03/29/22 09/29/22=d (relic. as WMQA-670)
 WGV New Orleans, LA 03/21/22 06/-/24=deleted
 WGY Schenectady, NY 02/04/22 WGY-810
 WHA Madison, WI 01/13/22 WHA-970
 WHB Kansas City, MO 05/10/22 WHB-710
 WHD Morgantown, WV 03/16/22 11/19/23=deleted
 WHK Cleveland, OH 02/21/22 WHK-1420
 WHN Ridgewood, NY 03/18/22 ^07/01/87=WFAN now WEVD-1050 NYC
 WHO Des Moines, IA 04/15/24 WHO-1040
 WHP Harrisburg, PA *03/16/29 WHP-580
 WHQ Rochester, NY 02/24/22 10/02/22=deleted
 WHT Deerfield, IL 05/12/25 02/-/29=WSOA/del 10/31/30-WCH1
 WHU Toledo, OH 02/28/22 10/27/22=deleted
 WHW East Lansing, MI 02/24/22 01/16/23=deleted
 WHX Des Moines, IA 03/28/22 05/-/22=deleted
 WIK McKeesport, PA 03/14/22 03/09/25=deleted
 WIL Washington, DC 03/14/22 09/13/24=deleted
 " Saint Louis, MO *01/-/25 12/04/90=WRTH-1430 (x-WEB)
 WIP Philadelphia, PA 03/20/22 WIP-610
 WIS Columbia, SC *01/23/30 12/31/86=WWOC-560
 WIZ Cincinnati, OH 04/24/22 07/20/23=deleted
 WJD Granville, OH 04/06/22 12/07/25=deleted
 WJH Washington, DC 12/08/21 03/26/24=deleted
 WJK Toledo, OH 02/28/22 02/01/23=deleted
 WJR Pontiac, MI *08/20/25 WJR-750 Detroit (replaced WCX)
 WJT Erie, PA 03/21/22 10/21/22=deleted
 WJW Mansfield, OH *05/09/29 06/11/85=WRMR-850, Cleveland
 WJX New York, NY 10/13/21 06/-/24=deleted
 WJY New York, NY 05/12/23 04/-/27=deleted
 WJZ Newark, NJ 05/-/21 03/01/53=WABC-770, New York, NY
 WKC Baltimore, MD 03/23/22 11/24/23=deleted
 WKN Memphis, TN 03/23/22 06/11/23=deleted
 WKY Oklahoma City, OK 03/16/22 WKY-930
 WLB Minneapolis, MN 01/13/22 06/01/45=KUOM-770
 WLK Indianapolis, IN 01/26/22 06/01/23=deleted
 WLS Chicago, IL 04/11/24 WLS-890
 WLW Cincinnati, OH 03/02/22 WLW-700
 WMA Anderson, IN 04/06/22 06/05/22=WEAW (del 3/1/23)
 WMB Auburn, ME 04/05/22 03/21/23=deleted
 WMC Youngstown, OH 03/27/22 12/19/22=deleted
 " Memphis, TN 01/19/23 WMC-790
 WMH Cincinnati, OH 12/30/21 12/11/23=del [Precision Equip]
 " Cincinnati, OH 05/22/24 03/-/25=WKRC-550 [Ainsworth]

Temporary and Government Stations

In addition to the standard grants above, the Commerce Department made "temporary" broadcast grants, some of which received three-letter calls. These grants were not reported in the Radio Service Bulletin--the thirteen below are from Commerce Department files:

KDU Yakima, WA (Hillman Brothers) [sometime in the 1st half 1922]
 KDP Seattle, WA (Saint James Cathedral) [February, 1922]
 KYG Portland, OR (Radio Service Bureau) [late 1922/early 1923?]
 WBI Marquette, MI (Northern State Normal School) [3/10/22-3/11/22]
 WCT Detroit, MI (Evening News Association) [10/3/22-10/12/22]
 WDS Richmond, VA (Mann S. Valentine) [late March/early

June 1922?]
 WHO Kansas City, MO (Kansas City Post) [2/23/22-2/24/22]
 WMX Port Huron, MI (Port Huron Times Herald) [3/23/22 & 3/27/23]
 WPU Buffalo, NY (Buffalo Courier & Enquirer) [late January, 1922?]
 WSH New York, NY (Experimenter Information Service) [4 days, 3/22]
 WTA Urichsville, OH (Board of Trade) [3/27/22]
 WTB Evansville, IN (Steiffert Electric Company) [3/16/22]
 WWS Pella, IA (Fowler Telephone Company) [3/27/22]

The U.S. government occasionally operated stations in the AM band, some with three letter calls. Unfortunately, there is not enough information to attempt a complete list. The most prominent was the Navy's NAA, in Arlington, VA from September, 1925 to June 1, 1933.

For Beginners

Information and advice of interest to inexperienced DXers

Antenna Review

The purpose of this "For Beginners" column is to review some basic characteristics of several types of antennas commonly used by medium wave DXers. Some of the following material has appeared in previous "For Beginners" articles.

The Loop Antenna

Most medium wave DXers use indoor loop antennas. Loop antennas are widely used because they have performance features that other types do not have. Some DXers use them exclusively. At present, probably most of the loop antennas in use have been purchased ready-to-use, although some are home-built. Construction of an effective loop antenna is not difficult.

1. The most useful feature of the loop is its ability to reject [null] unwanted signals. The response pattern of a loop is similar to a figure 8. The lobes of the figure 8 represent the directions of maximum response and the nulls represent the directions of minimum response. When the loop is rotated to place the unwanted signal source in a null, that signal is cancelled in the loop, and the output of that signal to the radio receiver is minimum. That allows a weaker, wanted signal to be heard, provided of course that the wanted signal is not also in one of the two nulls, which are 180 degrees apart. The unwanted signal source might be a radio station, or a source of noise interference, such as a noisy power line. The figure 8 pattern is a characteristic of both open wire and ferrite core loops.

Jack Woods

P. O. Box 1003

Waldport, OR 97394-0514

2. A well-designed loop antenna will pick up less radio noise from local sources than will other antenna types, and will function as a sharply tuned electrical circuit to reduce adjacent channel interference before it can reach the receiver input, thus improving receiver selectivity.

3. Ferrite core loops and the smaller open wire loops are self-contained table-top units which can give good DX performance with no need of lead-in wiring or other external connections [except the connection to the receiver]. However, they inherently have low signal output, and usually include a battery-powered amplifier.

Ferrite is a man-made magnetic material that can be molded into a variety of shapes. For use in a loop antenna, it is a rod six or seven inches long or less. The loop windings are wound around and cemented to the core. The advantage of a ferrite core loop is small physical size. Most medium wave radios for home or portable use contain a ferrite loop antenna.

Open wire loops, also known as frame antennas, have the windings wound on a frame, usually made of wood. The loop shape is usually rectangular, but can be round or any other shape. The signal output is directly proportional to the area enclosed by the loop. The size of indoor loop antennas is usually from about one foot to four feet in diameter. Most home-built loops are open wire loops.

A great deal of research has been done by hobbyists in developing loop antennas for DX use, and many articles have been written.

Some very good articles are available through the NRC Product Catalog.

The Beverage Antenna

The Beverage antenna is a type of long wire antenna. Harold H. Beverage, an engineer employed by RCA, developed the antenna about 1920. Its purpose was to receive low frequency radiotelegraph transmissions from Europe at the RCA receiver site on Long Island, New York. The first Beverage was twelve miles long, installed on wood poles, and approximately aligned along the great circle path to Western Europe. The Beverage favors reception of stations in both directions off the ends of the wire, and discriminates against signals received from the sides. It becomes a unidirectional antenna if the end in the direction of wanted signals is grounded through a suitable resistance. Height above ground is not critical. To function as a Beverage, the antenna needs to be at least a half wavelength long at the frequency received, (about 912 feet at 540 kHz). Greater length will give increased gain and sharper directivity.

Beverage antennas can give excellent performance when correctly set up. See the NRC Product Catalog for reprints of Beverage articles.

The Active Antenna

An active antenna is a combination antenna and amplifier. There are various types [including most table-top loops, for example] but the term usually applies to a telescoping whip similar to an automobile antenna. The typical arrangement for outdoor use is a small weatherproof amplifier module on which is mounted the whip antenna. The amplifier output is fed to an indoor control/power supply unit through coaxial cable which also carries the direct current which powers the amplifier. The purpose of the active antenna is to provide performance equal to that of a longwire in situations where a conventional longwire cannot be installed. In general, the performance which will be obtained depends on the environment in which the antenna is installed. It should be placed as high as is reasonably possible, away from radio noise sources, and for safety, well away from power lines.

A potential problem with active antennas is overloading of the amplifier and resulting spurious responses in the receiver in locations close to high-powered radio stations. Some active antennas have circuitry designed to reduce that problem.

Active antennas are produced by both domestic and foreign manufacturers. There is a considerable range of prices. Several models were reviewed in the *World Radio TV Handbook* for 1985. That book may be

Probably the original medium wave DX antenna was a wire stretched between two convenient trees or other supports, with a lead-in wire brought into the house and connected directly to the radio. Longwire antennas are still in common use and where conditions are right, perform well. The antenna should be as high above ground as is feasible. Obviously for safety it should be well away from all power lines. Lightning protection is advisable in many locations.

The main benefit of an outdoor antenna is reduced interference from electrical devices, so with that in mind the antenna should be placed with maximum distance from noise-producing devices. Excessive length is not necessary, or even a good idea in most locations. Thirty to sixty feet is probably adequate. Getting the signal from the antenna to the receiver has potential problems. If the antenna is extended into the house for direct connection to the receiver, its proximity to electrical devices and house wiring and resulting noise pickup tends to defeat the purpose of the outdoor antenna. If coaxial cable is used for a lead-in between an end of the longwire and the receiver, the capacitance of the cable acts as a shunt to reduce the signal from the antenna. Longwire antennas can pick up a considerable static electrical charge during some weather conditions. If the antenna is directly connected to a solid state receiver which does not have built-in static charge protection, damage to the receiver can result. Installation of a matching transformer and ground lead between antenna and lead-in will reduce these problems. See the article by Dallas Lankford, "Inverted L Noise-Reducing MF/VLF Antenna" (from *DX News* for August 26, 1991). If that article is not now in the current NRC catalog, and you want a copy, let me know.

QUESTION: I want to send a reception report to a French-speaking station, but I don't speak or understand the French language. How can I best do this?

ANSWER: The NRC Catalog carries pre-available in your public library. Outdoor active antennas are not widely used for medium wave DXing. For most DXers a loop is a better choice. However, an active antenna should be considered in locations such as steel-frame buildings where loops are not satisfactory and longwires cannot be installed.

The Random Length Longwire printed reception report forms. They are available in English, French, and Spanish versions. See the back cover of *DX News* for ordering the catalog.

Musings

of the Members

Dave Schmidt

P. O. Box 11502

Wilmington, DE 19850-1502

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

R. J. EDMUNDS (WB2Bjh) - 753 VALLEY ROAD - BLUE BELL, PA 19422-2052

----- Greetings, all! As promised in my last MUSE, I've DXed primarily GY's and some 1580 only so far this year, except for noting a couple of new stations and call changes. It certainly is interesting to note how the conditions on some of the GY frequencies differ between Nov. & Jan. Stations which were frequent visitors then are rarely heard now and the other way around also. I'm also noting how difficultly PSSA's are making things at sunset. CR & CH weren't bad enough, but now one has to concentrate on which stations are on how much later which months! A case in point is 1040, where I've recently heard someone with a mix of black GOS and country GOS 6:15-6:30PM, which should be past WSGH's bedtime even for PSSA but might be 15 minutes short of WHO's sunset time, so this might be WSGH on CH! Ugh! Lack of ID's and ID's for FM simulcasts are also problems, particularly for GY's. And, of course, all of that is on top of the obvious problems of trying to DX GY's with an omnidirectional whip in a sometimes-moving car! I still have the WZZD-990 spur on 1230 days, and in some places around here, 1580 is victimized by something apparently emanating from the square mile or so of land which houses KYW-1060, WEAZ-560, & WZZD's transmitters but I haven't figured that out yet since it seems to be an OC. And, finally, speaking of WEAZ (it's still WEAZ, Russ-DWS), their harmonic on 1120 is really strong! I've kind of given up on WLAM-870, as there seems to be no time at which they might be heard when I don't hear both WHCU & WWL. I won't have been able to attend the get-together 2/19-21 at Kulperville, owing to leaving for a week-long class in Andover, MA on the 21st. Guess that's it for now! 73 (Yo, Russ, PULLEAZE double space your reports....save my eyeballs! Tnx-DWS)

CLIFFORD SCHNAUFFER - 444-18 EDGER ROAD - ELIZABETH, NJ 07202

----- I have a Kenwood R2000 receiver. I would appreciate any help/information on an indoor antenna as I am unable to use an outdoor antenna. Please let me know what kind of set up that I can use. Thank you!

RUSSELL GAJ - 1550 AMHERST AVE., #307 - LOS ANGELES, CA 90025

----- It's time I finally stopped being one of the silent majority and introduced myself. I've been an NRC member since late '91 and have been DXing seriously for about a year. This is my 1st ever MUSE! I got into DXing through my wife's insistence that I find a hobby. I told her that I didn't have time, but would really like to revive my old teenage interest in MW DXing, if only I had a radio. That's as far as it went until one day she came home with a surprise - a brand new Sangean ATS803! The rest is history! (Although I think she wishes she had encouraged some other hobby, especially when I get up at 5AM to 'listen to static'---oh well). I am now 37 years old, been married 2½ years and we are expecting our first child in August (another reason to get up at 5AM!). I work as a research meteorologist at a small think-tank corporation, studying everything from aircraft-produced turbulence to climatic change. Besides the Sangean (which is a great little gig), I also use a Superadio III and a variety of homebrew ferrite rod antennas, all unamplified. I have a mixed opinion about the III: I find it to be more sensitive than my Sangean on weak signals, even without an external antenna, but the tuning is atrocious and there are birdies in several places. So far, I have logged 200 stations from home, not bad considering that we live in a metal frame apartment which shields a lot of RF. I have heard 17 US states, 18 Mexicans in 4 states and 4 Canadians (all in BC). My best catch from home is probably KHNK-650, which I heard early one morning when KFI was down for testing, although nothing compares to the time I heard 3LO-774 in Kauai last Aug.! I use a bandscan strategy, working my way up the dial a few frequencies at a time. This can take a long time, I sometimes stick with one frequency (especially graveyards) for a week or more. For the most part, DXing in LA is an exercise in the art of nulling strong locals, so I'll keep building bigger and better ferrite rod antennas. Maybe eventually, I'll be able to finally hear something on 700 between local pests KETRA & KMPR or on 1060 and 1080 in KNX's splash. Finally, I invite any other 'Silent' LA area NRC members to send in a MUSE. Let's hear about your experiences and strategies for dodging the locals. Good DX! (And a big welcome to the NRC, Russell. Why limit reports from LA 'Silent' NRCers, why not the whole US & Canada? Good idea for a 'theme' MUSE! Check in again, soon!-DWS)

ELLIOT R. STRAUS - 980 COOPER DRIVE - TOMS RIVER, NJ 08753

----- Hi gang! I got my R390A back last week and it's as good as new! I found a guy in Toledo, OH who can fix or rebuild 390's, he's been doing them for 20 years. If anyone needs his address/phone #, get in touch with me. After years of using a good loop, I'll tell you that a longwire just doesn't cut it so I ordered a Quantum loop and am waiting for that. While waiting for the loop, I've been catching up on some SW stuff because BCB DX is so frustrating trying to

use a longwire. I think I about wore out my old TRF, 70 new stations and 45 reports out in 2 weeks. Verie \$1000 rotted in this week, WJMW-550. Onward to \$1000! WNEZ-910 sent me a beautiful longwired '910-CNN' shirt with a verie. Nice. Hey, RAY ARRUDA, remember those Monday mornings with the phone with the blinking lights? I only dropped out of the hobby to give you a chance to catch up-hi! Veries in from WBBR, WOHM, WOGL, WRKK, WNAP, WJJF, WLIS, WICE, WCKW, WNYC, WMMO, WGST, WTSN & WJMW. I need 3 stations for 1700 logged, maybe this Monday morning. Looking forward to the SWL test. In PA coming up, also the NRC convention in CT this fall. It'll be good to renew old friendships and make new ones. C-ya!

WALT BREVILLE - 9127 CORAL DRIVE - ST. LOUIS, MO 63123-4503

----- This been almost 2 years since my last MUSE. Things are lately coming together enabling me to have more time for my radio hobbies. Last Oct., I retired from the Postal Service after 29 years of service, 26 as a postman. I'm now just partly retired as I took up school bus driving. Also my mother, who I lived with and cared for, passed away a few weeks ago, so its just me and our 16 year old cat living here now. Since I start work at 6:30AM, and I have grown more allergic to 'tree hounds' on my off days/vacations, sunset DX is my main time to try AM DXing. I have found a better way to gather & store DX info since I got myself a TI 'Organizer' for Christmas. This has a 64K memory for storing memo & schedule notes as well as names/addresses/phone #'s, cost about \$90. I use it for, among other things, putting down recent good catches made by my fellow local NRCers EARL & ERIC in the Memo section (I am good at losing paper notes and notebooks, so far this seems to solve that problem) and repeatedly trying those frequencies at appropriate times that were successful for them. The tremendous band congestion of today along with a troublesome noise level from cable TV system leakage, neighbors dusk to dawn lights, computers, etc., makes DXing a challenge to say the least. Finally got a few new or rarely heard catches (I lost my log of about 1000 stations heard from here since '64 several years ago), on 2/9, WSDQ-1190 in brief but with a good, clear ID 6:02PM. KCLF-1500 a great musical show with Cajun accordion music at 6:37PM. On 2/10, bagged KFEZ-1190 (ex-KJLA) with a good ID & weather report at 6:30PM. I enjoyed seeing the St. Louis market featured in the 'Now & Then' column in the 2/8 issue. However, several stations listed for the St. Louis market in 92 should not really be listed as they are far outlying stations with signals far to weak to cover more than a tiny fraction of the metro area nearest them, namely KREI-800, KLPW-1220, WINU-1510 before they moved to 880, WGHZ-1570, WRYT-1080. The one I was flabbergasted to see listed is KSLQ-1350, not just weak but a NEEDED DX catch at this den! It is my closest unheard at 37 miles due W of here. 1350 is dominated daytime by WJBD, 75 miles in the exact opposite direction, so no go with loop nulling. Just drove out I-44 to check out the KSLQ signal, not a trace of it until entering Eureka, 20 miles from KSLQ and 5 miles from the western border of St Louis County, became barely listenable around Pacific, 4 miles farther W. Further N on Hwy 40, Chesterfield is about the furthest E point of hearing much out of KSLQ, whose format is "easy listening favorites".

DAVE SCHMIDT - P O BOX 11502 - WILMINGTON, DE 19850

----- First, a very good time was had by all at the ANARC "Winterfest" 2/18, 19 & 20. It was good to see the NRC represented by BEN DANGERFIELD, KERMIT GEARY, ANDY RUGG, ALAN MERRIMAN, SKIP AREY, BOB (& Mrs.) STONIER, HARRY MAYO, ELLIOT STRAUS, PETER FERRAND, DAN CASHIN, and RICK D'ANGELO. With what was supplied from PAUL, KEN & WAYNE, we were able to raise about \$400 in items sold! Ben, Kermit & Andy were a very great help in a forum on TA DXing on the MW, holding about 65 people in their seats on various stations heard from overseas on the BCB. Will we see HAROLD CONES join our ranks soon? Alan got a very good deal on my 10 year unused HQ180A and Michael Schmehl bought an R390A, which I had also put on sale (and promised my wife I wouldn't bring home-hi!). The traditional "Voice of Pancho Villa" broadcast showed up on 1610 this year (for some unknown reason-hi!). It was good to also meet ACR members Andy Yoder, Bill Taylor, Kirk Baxter and long time friend John Arthur. And numerous prizes were given away at the banquet, with Elliot, Alan & myself picking up a few (such as a 1 year membership free, supplied by ANARC). ERC, your verie-preservation person is JOE BERG, he was also at this gathering. Two issues back, the ghost of HEFTY BLOOPER made its return in a very great fashion, with the report of KERMIT GEARY, noting a huge increase in his electric bill with the use of the R389. One forgotten '...' can make a big difference, it should have been \$8.00, not \$800. That is one for the record books! The DX TEST from KBOA-830 made it nicely on 2/22 on one of the last frontier quasi-clears here in the E. It's very encouraging to see the interest still shown in this hobby and the support being offered to help promote it further. By the way, the local NASWA crew still has its 3rd Friday of the month gatherings at the Kulperville Holiday Inn starting about 7:30PM, it is open to any DXers who may want to stop by (they're also interesting, Andy Sennett of WRTW has shown up a few times). Again, repairs on R390's, HQ180's or any of the vintage equipment is available, please drop me a note on what you've got and we'll supply the info. Best of DX & CUN7! 

KLX
97.1FM

KRLA
1100am